

SECRET

TRANSPORT CAPACITY FORMULAE

25X1C

In accordance with a recent inquiry from [redacted] it is requested that the following information be furnished him. X Only one document, Department of the Army Field Manual, FM 101-10, July 1953, Official Use Only, provides formulae for computing the capacity of the various means of transport. This document is believed to be available [redacted] Other 25X1C documents containing capacity formulae refer only to railroads or inland waterways and are listed under these headings below:

A. Rail

(1) Rapid Determination of Tonnage Ratings (Subject No. 115), VIII Pan American Railway Congress, Washington, D.C. and Atlantic City, N.J., June 12-25, 1953. Doc. 6/3, Section D, Serial No. 53, Author S. V. Smith, Unclassified.

(2) Analysis of Capacity of US Class I Railroads Revised Dec. 1943 by F. J. Sette, Transfer and Storage Div. of Stockpiling and Transport Section. (Probably can be obtained through Department of Commerce.)

(3) Railroad Capacity as Related to Train Speeds, Association of American Railroad No. 42995, Unclassified.

(4) Traffic Capacity of Railroads; Methods of Increase; Studies of Utilization of New Equipment and Procedures (Subject No. 100) VIII Pan American Railway Congress, Washington, D. C. and Atlantic City, N.J., June 12-25, 1953. Doc. 5/1, Section C, Serial No. 38, Author E. C. Poole, Unclassified.

(5) Methods of Improving Traffic Capacity of Single Track Railroads. A Monograph in Russian by V. N. Vdovichenko, Moscow 1951.

B. Inland Water

The Operational Organization of the River Fleet, A. A. Soyuzov, Assistant Professor Candidate in Technical Sciences, Moscow, 1950.

ARMY Declass/Release Instructions On File

25X1C